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(54) Title: CONTINUOUS WINDER AND METHOD OF WINDING SLIT ROLLS OF LARGE DIAMETER ON SMALL DIAMETER CORES

(57) Abstract

A drum type continuous winder for winding slit sections of a web onto individual cores on a core shaft (20) includes a pair of primary support arms (24, 25) having radial slots (28) that receives the core shaft from a fixed cam plate (29) permitting the core shaft to move with the cores into engagement with a moving web on a main winding drum (22) for web cutting and transfer to fresh cores. A driven nip roll (30) supported on arms (24, 25) engages the cores on the core shaft during web transfer so that the core shaft is sandwiched between the nip roll (30) and the primary drum (22) providing web transfer onto the cores free of critical speed limitations. Secondary arms (50, 51) which receive the core shaft support a secondary winding drum (52) in guide tracks (55) for radial movement into engagement with the rolls being wound.

